



DEFENSE LOGISTICS AGENCY  
DEFENSE REUTILIZATION AND MARKETING SERVICE  
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OCT 30 2000

IN REPLY  
REFER TO DRMS-LMS

MEMORANDUM FOR COMMANDER, DEFENSE CONTRACT MANAGEMENT AGENCY, COMMAND

SUBJECT: Disposition Instructions for Precious Metals (PM) Bearing  
Plant Clearance Material - Fiscal Year 2001


This memorandum is disposition instructions from the Defense Reutilization and Marketing Service (DRMS) for fiscal year 2001 in accordance with Defense Federal Acquisition Regulation Supplement Part 245.607-2, which can be found through the Internet at the World Wide Web site <http://www.acq.osd.mil/dp/dars/dfars.html>.

To assist you in material identification, we are providing as attachment a list of property that commonly contains precious metals. Any material that falls into these categories may be reported to the nearest authorized Defense Reutilization and Marketing Office (DRMO) for precious metals recovery without being screened by this office. For material not listed, the Plant Clearance Office (PCO) shall refer the property to DRMS-LMS for review, following established procedures.

Contact with the DRMO is required to coordinate turn-in requirements of any precious metals bearing materials. A list of the DRMOs, their addresses and telephone numbers, can be obtained through the Internet at the DRMS World Wide Web site <http://www.drms.dla.mil/drmo/site/drmo.html>

Transportation of the material to the DRMO will be by the most economical means. Shipments should be consolidated and the minimum security needed for the shipment provided. Government Bills of lading (GBL) will reflect the applicable GBL descriptions. Transportation charges will cite accounting code TAC S4PS and fund citation 97X4930.5NRO 001 P58102 2216 LM JHH2 LM1JHH258201MS S 033181 and will be billed to Transportation Division, U.S. Army Finance Support Center, Indianapolis, IN, 46249.

Request you provide the information contained in this memorandum to all applicable contract administration offices for their use in FY 2001. Any questions may be directed to, DRMS-LMS, Ms. Laura Green, (616)961-7071 or Mr. Marlowe Burns, (616) 961-7293.

  
ROSCOE DAVIS  
Chief,  
Direct Sales

Attachment

cc:  
DRMS-N (w/o Att)  
DRMSI (w/o Att)  
Zone Managers (w/o Att)  
DRMOs (w/o Att)

**ITEMS ELIGIBLE FOR PRECIOUS METALS RECOVERY**

1. Batteries - paragraph B10.
2. Decorations, badges, service awards, medals, ribbons, distinctive buttons and other insignia - paragraph B25.
3. Dental recyclable material - paragraph B28.
4. Desalting kits - paragraph B29.
5. Electron tubes - paragraph B33.
6. Film and photographic paper - paragraph B36.
7. Silver recovered from used hypo solution - paragraph B96.
8. Silver service presentations and like items - paragraph B97.
9. Spark plugs and magneto breaker assemblies containing precious metals - paragraph B100.
10. Trophies and relics - paragraph B112.

**IDENTIFICATION AND SOURCES FOR PRECIOUS METALS BEARING ITEMS**  
(See Chapter 3, Paragraph B1)

**SOURCES.** Specific sources of precious metals are provided below to assist personnel in identifying precious metals.

1. **Electronic Scrap.** Segregate and sort precious metals bearing electronic scrap (if necessary) into the appropriate SCL code. Precious metals bearing electronic scrap may contain any of the precious metals, either solely or in combination.

- a. Circuit cards
- b. Circuit breakers
- c. Connectors
- d. Contacts
- e. Plugs
- f. Relays
- g. Switches
- h. Wave guides
- i. Wiring

2. **Silver**

a. Aircraft engine bearings, bushings, ring assemblies, link pins, slip rings, counterweights, gears, and numerous other small parts

- b. Buss bars
- c. Cyanide plating solutions and anode butts
- d. Dental wire, tubes, strips, pellets, powder (silver alloy)
- e. Desalting kits
- f. Drugs (silver protein, silver iodate, silver nitrate, silver sulfate)
- g. Film and paper (aerial, X-ray and photographic film, prints and papers)
- h. Jewelry
- i. Mirroring solutions
- j. Plated or washed silver surfaces
- k. Radar antennas
- l. Receiver assemblies
- m. Relays

- n. Tableware
  - o. Silver-cell/bearing batteries (aircraft, missile, torpedo)
  - p. Silver clad base metal
  - q. Silver-bearing jet engine parts
  - r. Silver sludges, precipitates, chloride, oxide, nitrate and silver salts
  - s. Silver solders and brazing alloys
  - t. Silver-tungsten alloys
3. Gold
- a. Brazing alloy (gold)
  - b. Dental bench sweepings (contain silver, gold, platinum and palladium)
  - c. Dental scrap (up to 70% pure gold)
  - d. Dental wire (gold alloy)
  - e. Gold bearing ion-exchange resins
  - f. Gold chemical ware and anodes
  - g. Gold clad parts and connector pins
  - h. Gold salts, chemicals, solders
  - i. Gold solutions, sludges and precipitates
  - j. Jewelry and optical scrap
  - k. Medals
  - l. Plated semiconductors
  - m. Plating books, hangars, and wires
  - n. Relay and contact points
  - o. Transistors and diodes
  - p. Uniform emblems and buttons
4. Platinum Group
- a. Aircraft magneto and relay contact points
  - b. Aircraft spark plugs
  - c. Bracket, breaker assembly, and spring assembly for magneto assemblies for aircraft engines

- d. Dental alloys and dentures
- e. Dental wire (platinum alloy)
- f. Detonator fuses
- g. Electronic diodes and parts
- h. Electronic tube grid
- i. Evaporators and evaporate dishes
- j. Laboratory ware, anodes, cathodes and crucibles
- k. Platinum and platinum group catalysts
- l. Platinum foil
- m. Platinum group class materials
- n. Platinum resistor furnace coils
- o. Safety burst discs
- p. Salts and derivatives
- q. Semiconductors and resistant alloys. Solenoid switches (platinum)
- r. Spark plug, resistor type, platinum electrode
- s. Spinnerets and feeder dies
- t. Telephone switchboards (palladium)
- u. Thermocouple wires
- v. Triodes for various transmitting amplifiers
- w. Voltage regulators

5. **Aircraft Structure Components Containing Precious Metals.** Some aircraft components using honeycomb design, such as F-4 Series (Phantom) aircraft stabilizers and C-141 aircraft flame cone assemblies, contain recoverable silver (silver brazing). Do not offer such precious metals bearing components for sale. Downgrade to scrap and report for precious metals recovery instead.